

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 64-056692

(43)Date of publication of application : 03.03.1989

(51)Int.Cl.

C07H 15/04

(21)Application number : 62-214911

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(22)Date of filing : 27.08.1987

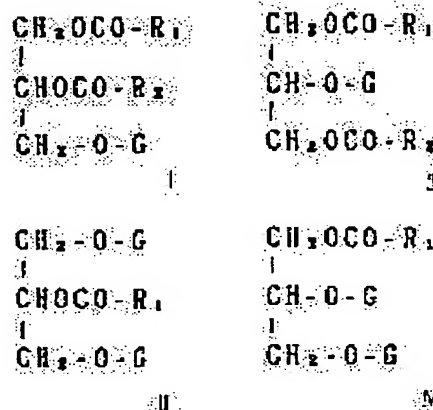
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(54) PRODUCTION OF SUGAR GLYCEROL

(57)Abstract:

PURPOSE: To obtain a sugar glycerol useful as an emulsifier or surfactant of cosmetics, pharmaceuticals, etc., under mild condition, by contacting a glyceroglycolipid with a substance having ion exchange capability, thereby easily separating fatty acids.

CONSTITUTION: The objective compound can be produced by contacting one or more kinds of glyceroglycolipids of formula IWIV (R1 and R2 are 7W23C fatty acid residue; G is residue of monosaccharide or its dimeter) with a substance having ion exchange capability (preferably an ion exchange polymer). The glyceroglycolipid is preferably those existing in a lipid originated from natural resources such as microorganisms, algae, fishes or higher animals and vegetables.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]